

ABSTRACT OF THE DISCLOSURE

In a projection-type display apparatus that directs light from a light source through the illumination optical system to a display panel so that an image displayed on the display panel illuminated by the light directed thereto is projected through a projection optical system onto a screen, an illumination optical system is used that has a light intensity uniformizing device of which the entrance surface is located at a first conjugate position substantially conjugate with the light source and of which the exit surface has a shape geometrically similar to the panel surface of the display panel and a reflection optical system for forming an image of the exit surface of the light intensity uniformizing device on the panel surface of the display panel. In the reflection optical system, every surface having an optical power is a reflective surface.